

GENERAL NOTES

SWALE DESIGN TO PROVIDE FOR SAFE CONVEYANCE OF MINOR FLOWS (2 YEAR ARI) AND NON-DAMAGING FLOW VELOCITIES IN MAJOR FLOODS (50 YEAR ARI).

SWAL DIMENSIONS AND/OR FIELD INLET LEVEL OF PIT TO PROVIDE STORAGE CAPACITY FOR 3 MONTH ARI OR AS OTHERWISE SPECIFIED BY HYDRAULIC ENGINEER.

AVOID TRIP HAZARD BY CAREFUL PLACEMENT OF COBBLES AROUND FIELD INLETS;

ENSURE EVEN GRADE FALLS MIN. 1:50 TO SWALE FROM CARPARK PAVEMENTS;

ENSURE SWALES ARE LOCATED IN ACCORDANCE WITH DETAILED LANDSCAPE PLAN, AND SUBDIVISION AND DEVELOPMENT GUIDELINES.

ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

SPECIFICATION

PLACE A SINGLE BIDIM A24 GEOFABRIC LAYER OVER THE INSITU BASE MATERIAL AND AGGREGATE. THE 200mm SAND FILTER CAN THEN BE BACKFILLED.

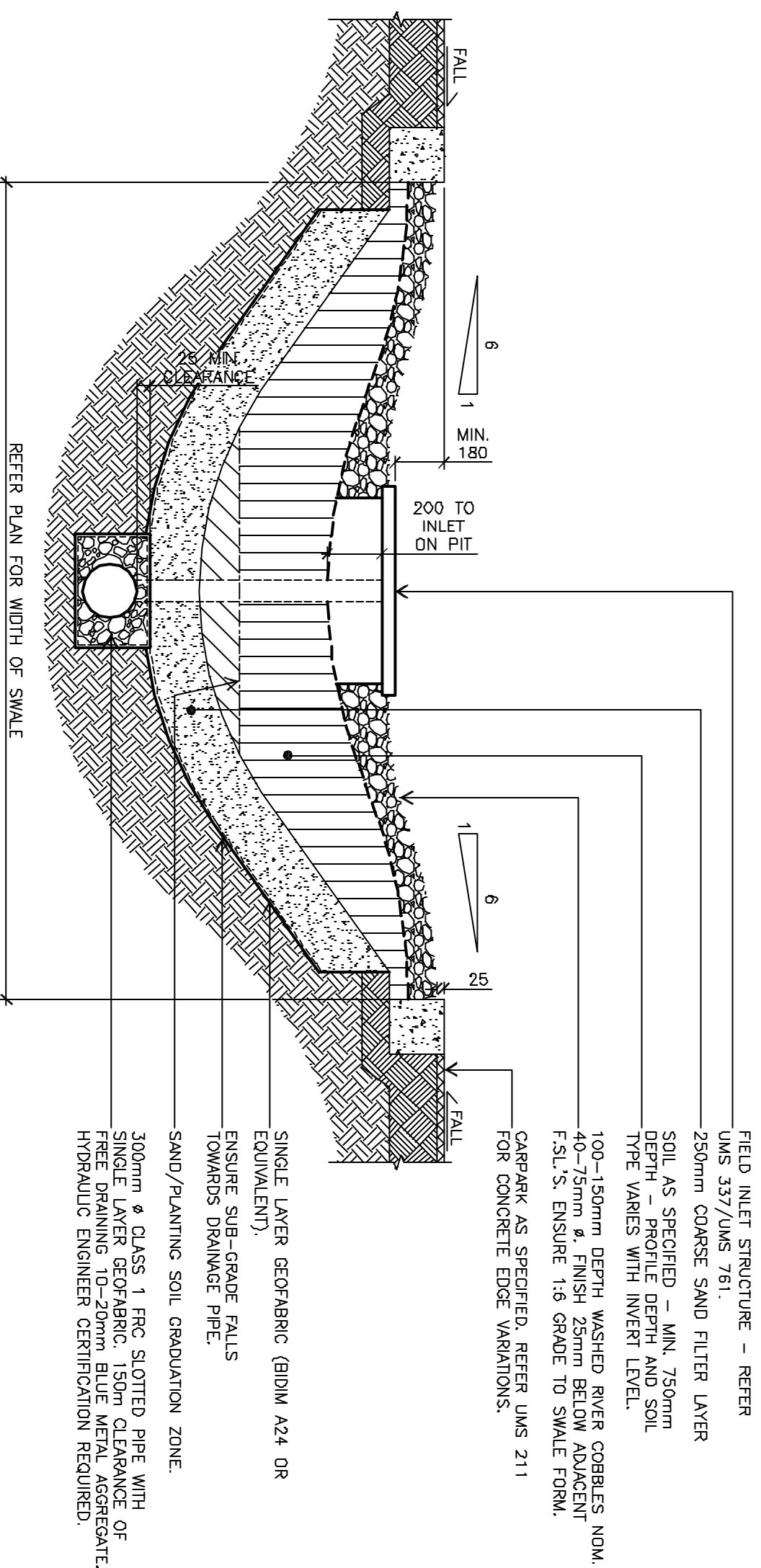
WHEN BACKFILLING THE BIO-RETENTION FACILITY, FIRST PLACE 80 TO 100mm OF PLANTING SOIL OVER THE SAND THEN CULTIVATE/TILL THE SAND/PLANTING SOIL TO CREATE A GRADUATION ZONE.

BACKFILL THE REMAINDER OF THE PLANTING SOIL TO FINAL GRADE. PLANTING SOIL IS TO BE PLACED IN 300 TO 450mm LIFTS AND LIGHTLY COMPACTED.

DRAINAGE PIPES SHALL BE FLUSH JOINTED SLOTTED FRC. ENSURE MINIMUM LONGITUDINAL GRADE OF 1:50.

DRAIN TO LANDSCAPE OR TO STORMWATER INLET LOCATION SHOWN ON PLAN. FIELD INLET AND CONNECTION TO STORM WATER LINE TO HYDRAULIC ENGINEERS SPECIFICATIONS.

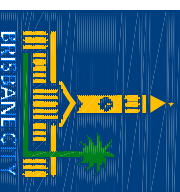
PROVIDE PIPE CLEANOUT OR RODDING POINTS AT MINIMUM 60m CENTRES.



CARPARK BIO-RETENTION SWALE - SECTION

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	Dec '03	Jul '14	PC 19/04

DESIGN AUTHORISED FOR ISSUE PAUL COTTON SIGNATURE ON ORIGINAL DATED 13/09/14		DESIGN	CITY DESIGN - L.A.	DATE	Dec '03
MANAGER INFRASTRUCTURE MANAGEMENT R.B.E.O. 2516		DRAWN	CITY DESIGN - L.A.	DATE	Dec '03
DESIGN APPROVED		CHECKED	UHS - EAP J.T.I. and HFB Id.L. & G.M.I.	DATE	Jun '04
LAREN TEMPLEMAN SIGNATURE ON ORIGINAL DATED 31/08/14		DRAWING FILENAME	UHS 763.dwg	ASSOCIATED PLANS	
PRINCIPAL PROGRAM OFFICER PARKS					



BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

SWALE

CARPARK BIO-RETENTION

SCALE: 1:10

TITLE: **UMS 763**

DRAWING SIZE: A3

REVISION: A